

WHAT IS CLAIMED IS:

1. A cradle for a portable terminal comprising:
a desk-top housing;
5 a cradle housing including an upper portion with a first opening, a rear portion with a second opening, and a front portion and a pair of lateral portions which form a closed wall, the cradle housing having a recess defined by the closed wall in order to cradle a portable terminal, the cradle housing being rotatably mounted about an hinge axis on the desk-top housing so that the rear portion pops in and out the desk-top housing;
10 and
an optical alignment system mounted at a predetermined position of the cradle housing and emitting a beam in a predetermined direction.
- 15 2. The cradle for a portable terminal according to claim 1, wherein the optical alignment system further comprises a laser beam projector mounted on the rear portion of the cradle housing to emit the beam in a rearward direction.
- 20 3. The cradle for a portable terminal according to claim 1, wherein the desk-top housing further comprises a display unit, at least one key disposed adjacent to the display unit, and at least one lamp disposed adjacent to the key and the display unit, the display unit, the key and the lamp being mounted at a front portion of the desk-top housing.
- 25 4. The cradle for a portable terminal according to claim 1, wherein the cradle housing restrains movement of the cradled portable terminal by the closed wall of the front and both lateral portions.
5. The cradle for a portable terminal according to claim 1, wherein the optical alignment system is mounted on a lower side of the rear portion of the cradle housing.

6. The cradle for a portable terminal according to claim 1, wherein the optical alignment system pops in and out the desk-top housing according to a rotating direction of the cradle housing.